

## PROPOSED

Issue Date

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**  
( )

14-xxxE CAB  
File No. 0242

Ms. Amy Sands  
Crusher Administrator  
Goodfellow Brothers, Inc.  
P.O. Box 220  
Kihei, Hawaii 96753

Dear Ms. Sands:

**Subject: Temporary Covered Source Permit (CSP) No. 0242-01-CT**  
**Application for Minor Modification No. 0242-15**  
**Goodfellow Brothers, Inc.**  
**780 TPH Stone Processing Plant with 1 MW/1.36 MW Diesel Engine Generator**  
**and 400 TPH Mobile Stone Processing Plant with Integral Diesel Engines**  
**Located At: Various Temporary Sites, State of Hawaii**  
**Date of Expiration: December 22, 2016**

The subject temporary covered source permit is issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit is based on the plans, specifications, and information that you submitted as part of your application received on October 4, 2013. This permit supersedes CSP No. 0242-01-CT, issued on July 10, 2012, and amended on August 12, 2013, in its entirety.

The temporary covered source permit is issued subject to the conditions/requirements set forth in the following attachments:

- Attachment I: Standard Conditions
- Attachment II: Special Conditions
- Attachment II – INSIG: Special Conditions – Insignificant Activities
- Attachment III: Annual Fee Requirements
- Attachment IV: Annual Emissions Reporting Requirements

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Ms. Amy Sands  
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The following forms are enclosed for your use and submittal as required:

Compliance Certification Form  
Change of Location Request for a Temporary Source – Non-Mobile/Mobile Stone  
Processing Plant  
Change of Location Request for a Temporary Source – Mobile Stone Processing  
Plant  
Change of Location Notification – Relocating to a Previous Approved Jobsite  
Annual Emissions Report Form: Stone Processing – Each Location  
Monitoring/Annual Emissions Report Form: Operating Hours and Fuel Certification –  
Each Location  
Monitoring Report Form: Opacity Exceedances

The following are enclosed for your use in monitoring visible emissions:

Visible Emissions Form Requirements, State of Hawaii  
Visible Emissions Form

This permit: (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the Department of Health, Clean Air Branch (herein after referred to as Department), or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment.

If you have any questions, please contact Mr. Mark Saewong of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF  
Environmental Management Division

MS:nn

Enclosures

c: Blake Shiigi, EHS – Maui  
Logan Kastner, EHS – Kauai  
Ed Yamamoto, EHS – Hilo  
Kathleen Puou, EHS – Kona  
CAB Monitoring Section

## PROPOSED

### ATTACHMENT I: STANDARD CONDITIONS TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

**Issuance Date:**

**Expiration Date: December 22, 2016**

This permit is granted in accordance with the Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control, and is subject to the following standard conditions:

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.  
  
(Auth.: HAR §11-60.1-90)
2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.  
  
(Auth.: HAR §11-60.1-6; SIP §11-60-11)<sup>2</sup>
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department, except as provided in HAR, Section 11-60.1-91.  
  
(Auth.: HAR §11-60.1-7; SIP §11-60-9)<sup>2</sup>
4. A request for transfer from person to person shall be made on forms furnished by the Department.  
  
(Auth.: HAR §11-60.1-7)
5. In the event of any changes in control or ownership of the facilities to be constructed or modified, this permit shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, copies of which will be forwarded to the Department and the U.S. Environmental Protection Agency (EPA), Region 9.  
  
(Auth.: HAR §11-60.1-5, §11-60.1-7, §11-60.1-94)
6. The facility covered by this permit shall be constructed and operated in accordance with the application, and any information submitted as part of the application, for the Covered Source Permit. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department, and the permit is amended to allow such deviation.  
  
(Auth.: HAR §11-60.1-2, §11-60.1-4, §11-60.1-82, §11-60.1-84, §11-60.1-90)

7. This permit (a) does not release the permittee from compliance with other applicable statutes of the State of Hawaii, or with applicable local laws, regulations, or ordinances, and (b) shall not constitute, nor be construed to be an approval of the design of the covered source.

(Auth.: HAR §11-60.1-5, §11-60.1-82)

8. The permittee shall comply with all the terms and conditions of this permit. Any permit noncompliance constitutes a violation of HAR, Chapter 11-60.1, and the Clean Air Act and is grounds for enforcement action; for permit termination, suspension, reopening, or amendment; or for denial of a permit renewal application.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-19, §11-60.1-90)

9. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid.

(Auth.: HAR §11-60.1-90)

10. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit.

(Auth.: HAR §11-60.1-90)

11. This permit may be terminated, suspended, reopened, or amended for cause pursuant to HAR, Sections 11-60.1-10 and 11-60.1-98, and Hawaii Revised Statutes (HRS), Chapter 342B-27, after affording the permittee an opportunity for a hearing in accordance with HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-90, §11-60.1-98)

12. The filing of a request by the permittee for the termination, suspension, reopening, or amendment of this permit, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(Auth.: HAR §11-60.1-90)

13. This permit does not convey any property rights of any sort, or any exclusive privilege.

(Auth.: HAR §11-60.1-90)

14. The permittee shall notify the Department and U.S. EPA, Region 9, in writing of the following dates:

- a. The **anticipated date of initial start-up** for each emission unit of a new source or significant modification not more than sixty (60) days or less than thirty (30) days prior to such date;
- b. The **actual date of construction commencement** within fifteen (15) days after such date; and
- c. The **actual date of start-up** within fifteen (15) days after such date.

(Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department to determine whether cause exists for terminating, suspending, reopening, or amending this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health may require the permittee to furnish such records not only to the Department but also directly to the U.S. EPA, Region 9, along with a claim of confidentiality.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

16. The permittee shall notify the Department in writing, of the **intent to shut down air pollution control equipment for necessary scheduled maintenance** at least twenty-four (24) hours prior to the planned shutdown. The submittal of this notice shall not be a defense to an enforcement action. The notice shall include the following:
  - a. Identification of the specific equipment to be taken out of service, as well as its location and permit number;
  - b. The expected length of time that the air pollution control equipment will be out of service;
  - c. The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
  - d. Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
  - e. The reasons why it would be impossible or impractical to shut down the source operation during the maintenance period.

(Auth.: HAR §11-60.1-15; SIP §11-60-16)<sup>2</sup>

17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1, or this permit,** the permittee shall immediately notify the Department of the malfunction or breakdown, unless the protection of personnel or public health or safety demands immediate attention to the malfunction or breakdown and makes such notification infeasible. In the latter case, the notice shall be provided as soon as practicable. Within five (5) working days of this initial notification, the permittee shall also submit, in writing, the following information:

- a. Identification of each affected emission point and each emission limit exceeded;
- b. Magnitude of each excess emission;
- c. Time and duration of each excess emission;
- d. Identity of the process or control equipment causing the excess emission;
- e. Cause and nature of each excess emission;
- f. Description of the steps taken to remedy the situation, prevent a recurrence, limit the excessive emissions, and assure that the malfunction or breakdown does not interfere with the attainment and maintenance of the National Ambient Air Quality Standards and state ambient air quality standards;
- g. Documentation that the equipment or process was at all times maintained and operated in a manner consistent with good practice for minimizing emissions; and
- h. A statement that the excess emissions are not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

The submittal of these notices shall not be a defense to an enforcement action.

(Auth.: HAR §11-60.1-16; SIP §11-60-16)<sup>2</sup>

18. The permittee may request confidential treatment of any records in accordance with HAR, Section 11-60.1-14.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

19. This permit shall become invalid with respect to the authorized construction if construction is not commenced as follows:

- a. Within eighteen (18) months after the permit takes effect, is discontinued for a period of eighteen (18) months or more, or is not completed within a reasonable time.
- b. For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates in the permit. This provision shall be applicable only if the projected and approved commencement dates of each construction phase are defined in Attachment II, Special Conditions, of this permit.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department may extend the time periods specified in Standard Condition No. 19 upon a satisfactory showing that an extension is justified. Requests for an extension shall be submitted in writing to the Department.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

21. The permittee shall submit fees in accordance with HAR, Chapter 11-60.1, Subchapter 6.

(Auth.: HAR §11-60.1-90)

22. All certifications shall be in accordance with HAR, Section 11-60.1-4.

(Auth.: HAR §11-60.1-4, HAR §11-60.1-90)

23. The permittee shall allow the Director of Health, the Regional Administrator for the U.S. EPA and/or an authorized representative, upon presentation of credentials or other documents required by law:

- a. To enter the premises where a source is located or emission-related activity is conducted, or where records must be kept under the conditions of this permit and inspect at reasonable times all facilities, equipment, including monitoring and air pollution control equipment, practices, operations, or records covered under the terms and conditions of this permit and request copies of records or copy records required by this permit; and
- b. To sample or monitor at reasonable times substances or parameters to ensure compliance with this permit or applicable requirements of HAR, Chapter 11-60.1.

(Auth.: HAR §11-60.1-11, §11-60.1-90)

24. Within thirty (30) days of **permanent discontinuance of the construction, modification, relocation, or operation of a covered source covered by this permit**, the discontinuance shall be reported in writing to the Department by a responsible official of the source.

(Auth.: HAR §11-60.1-8; SIP §11-60-10)<sup>2</sup>

25. Each permit renewal application shall be submitted to the Department and the U.S. EPA, Region 9, no less than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Director may allow a permit renewal application to be submitted no less than six (6) months prior to the permit expiration date, if the Director determines that there is reasonable justification.

(Auth.: HAR §11-60.1-101; 40 CFR §70.5(a)(1)(iii))<sup>1</sup>

26. The terms and conditions included in this permit, including any provision designed to limit a source's potential to emit, are federally enforceable unless such terms, conditions, or requirements are specifically designated as not federally enforceable.

(Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, Sections 11-60.1-85 and 11-60.1-86. As specified in HAR, Section 11-60.1-86, the compliance certification shall be submitted to the Department and the U.S. EPA, Region 9, once per year, or more frequently as set by any applicable requirement.

(Auth.: HAR §11-60.1-90)

28. Any document (including reports) required to be submitted by this permit shall be certified as being true, accurate, and complete by a responsible official in accordance with HAR, Sections 11-60.1-1 and 11-60.1-4, and shall be mailed to the following address:

**Clean Air Branch  
Environmental Management Division  
Hawaii Department of Health  
919 Ala Moana Boulevard, Room 203  
Honolulu, HI 96814**

**Upon request and as required by this permit, all correspondence to the State of Hawaii Department of Health associated with this Covered Source Permit shall have duplicate copies forwarded to:**

**Chief  
Permits Office, (Attention: Air-3)  
Air Division  
U.S. Environmental Protection Agency  
Region 9  
75 Hawthorne Street  
San Francisco, CA 94105**

(Auth.: HAR §11-60.1-4, §11-60.1-90)

29. To determine compliance with submittal deadlines for time-sensitive documents, the postmark date of the document shall be used. If the document was hand-delivered, the date received ("stamped") at the Clean Air Branch shall be used to determine the submittal date.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

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<sup>1</sup>The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup>The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.



**ATTACHMENT II: SPECIAL CONDITIONS  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:**

**Expiration Date: December 22, 2016**

In addition to the standard conditions of the covered source permit, the following special conditions shall apply to the permitted facility:

**Section A. Equipment Description**

1. This permit encompasses the following equipment and associated appurtenances:
  - a. 780 TPH Jaw Crusher, Nordberg model no. C140B, serial no. 34395: equipment no. K-76;
  - b. 780 TPH Jaw Crusher, Nordberg model no. C140, serial no. 34997: equipment no. K-185;
  - c. 700 TPH Cone Crusher, Nordberg model no. HP400, serial no. 123622: equipment no. K-153;
  - d. 700 TPH Cone Crusher, Raptor model no. XL400, serial no. XL400-0019, with 440 TPH Screen, JCI model no. 6202-32LP, serial no. 5072014: equipment no. K-182;
  - e. 500 TPH Cone Crusher, Omnicone model no. 1560, serial no. 1560-253, with 440 TPH Screen, JCI model no. 6202-32LP, serial no. 122928: equipment no. K-26;
  - f. 500 TPH Cone Crusher, Omnicone model no. 1560, serial no. 304-300034: equipment no. K-130;
  - g. 500 TPH Cone Crusher, Omnicone model no. 1560, serial no. 1560-175-SA, with 440 TPH Screen, JCI model no. 6202-32LP, serial no. 5072007: equipment no. K-187;
  - h. 400 TPH Screen Trailer, JCI model no. 6203-32LP, serial no. P060378: equipment no. K-165;
  - i. 1 MW Diesel Engine Generator, Gen Set model no. 3512, serial no. 24Z08717, with a minimum stack height of 17 feet: equipment no. LP-130;
  - j. 1 MW Diesel Engine Generator, Gen Set model no. 3512, serial no. 24Z08458, with a minimum stack height of 17 feet: equipment no. LP-121;
  - k. 1.36 MW Diesel Engine Generator, Caterpillar model no. XQ1500, serial no. BNR00315, with Caterpillar diesel engine, model no. 3512, serial no. 1GZ-02594, manufactured on April 29, 2005, with a stack height of 15.9 feet: equipment no. LP-140;
  - l. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 72839, with 300 hp Caterpillar diesel engine, model no. C-9 DITA, serial no. CLJ07329: equipment no. K-150;
  - m. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 73316, with 300 hp Caterpillar diesel engine, model no. C-9 DITA, serial no. MBD00692: equipment no. K-164;
  - n. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT106, serial no. 77293, with 300 hp Caterpillar diesel engine, model no. C-9.3, serial no. TBD: equipment no. K-228;
  - o. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT106, serial no. TBD, with 300 hp Caterpillar diesel engine, model no. C-9.3, serial no. TBD: equipment no. K-229;

- p. 450 TPH Mobile Cone Crusher, Nordberg model no. LT300HP, serial no. 73549, with 525 hp Caterpillar diesel engine, model no. C-15 DITA, serial no. JRE02480: equipment no. K-184;
- q. 450 TPH Mobile Cone Crusher, Nordberg model no. LT300HP, serial no. 74093, with 525 hp Caterpillar diesel engine, model no. C-15 DITA, serial no. JRE05064: equipment no. K-204;
- r. 661 TPH Mobile Screen, Powerscreen model no. Chieftain 2100, serial no. 12401468, with exempt 100 hp Deutz diesel engine model no. BF4M2012, serial no. 10167853: equipment no. K-167;
- s. 661 TPH Mobile Screen, Powerscreen model no. Chieftain 2100, serial no. 12402701, with exempt 100 hp Deutz diesel engine model no. BF4M2012, serial no. 10275425: equipment no. K-176;
- t. 881 TPH Mobile Screen, Powerscreen model no. Warrior 2400, serial no. PID00126CDGB11897, with 225 hp Caterpillar diesel engine, model no. C6.6, serial no. 66614805: equipment no. K-210;
- u. 881 TPH Mobile Screen, Powerscreen model no. Warrior 2400, serial no. PID00126ADGC34511, with 202 hp Caterpillar diesel engine, model no. C7.1, serial no. 77000465: equipment no. K-213;
- v. Various conveyors; and
- w. Various water sprays.

(Auth.: HAR §11-60.1-3)

- 2. An identification tag or name plate shall be displayed on the equipment listed above to show the equipment no., manufacturer, model no., and serial no., as applicable. The identification tag or name plate shall be permanently attached to the equipment at a conspicuous location.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

## **Section B. Applicable Federal Regulations**

- 1. The crushers, screens, and conveyors are subject to the provisions of the following federal regulations:
  - a. 40 Code of Federal Regulations (CFR) Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
  - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.1, §60.670)<sup>1</sup>

- 2. The permittee shall comply with all applicable requirements of these standards, including all emission and operating limits, monitoring, recordkeeping, notification, reporting, and testing requirements. The major requirements of these standards are detailed in the special conditions of this permit.

**Section C. Operational and Emissions Limitations**

**1. Allowable Temporary Stone Processing Plants**

The permittee shall not operate more than twenty-five (25) temporary stone processing plants simultaneously within the State of Hawaii at any time. Each temporary stone processing plant shall not operate at or adjacent to another temporary stone processing plant owned or operated by the permittee unless an ambient air quality impact assessment for the proposed location is submitted to and approved by the Department.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**2. Allowable Equipment/Storage Piles**

For each temporary stone processing plant location, the maximum amount of equipment/storage piles shall be as follows:

**a. Non-Mobile/Mobile Stone Processing Plant**

- i. One (1) 780 TPH primary jaw crusher, equipment nos. K-76 and K-185;
- ii. One (1) 500 TPH secondary cone crusher, equipment nos. K-26, K-130, and K-187;
- iii. One (1) 700 TPH tertiary cone crusher, equipment nos. K-153 and K-182;
- iv. One (1) 450 TPH or smaller mobile tertiary cone crusher, equipment nos. K-184 and K-204;
- v. One (1) 881 TPH or smaller mobile screen, equipment nos. K-167, K-176, K-210, and K-213;
- vi. Three (3) 440 TPH or smaller screens, equipment nos. K-26 (integral with crusher), K-165, K-182 (integral with crusher), and K-187 (integral with crusher);
- vii. One (1) 1.36 MW or smaller diesel engine generator, equipment nos. LP-121, LP-130, and LP-140;
- viii. Six (6) storage piles; and
- ix. Various conveyors and stackers.

**b. Mobile Stone Processing Plant**

- i. Two (2) 400 TPH or smaller mobile primary/secondary jaw crushers, equipment nos. K-150, K-164, K-228, and K-229;
- ii. Two (2) 450 TPH or smaller mobile secondary cone crushers, equipment nos. K-184 and K-204;
- iii. Two (2) 881 TPH or smaller mobile screens, equipment nos. K-167, K-176, K-210, and K-213;
- iv. Six (6) storage piles; and
- v. Various conveyors and stackers.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

3. Operating Hours

The total operating hours of each temporary stone processing plant shall not exceed the following limits:

a. Non-Mobile/Mobile Stone Processing Plant

The total operating hours for each temporary "Non-Mobile/Mobile Stone Processing Plant" as defined in Attachment II, Special Condition No. C.2.a, shall not exceed 1,600 hours at any one (1) location in any rolling twelve-month (12-month) period.

b. Mobile Stone Processing Plant

The total operating hours for each temporary "Mobile Stone Processing Plant" as defined in Attachment II, Special Condition No. C.2.b, shall not exceed 1,800 hours at any one (1) location in any rolling twelve-month (12-month) period.

The temporary stone processing plant shall be considered in operation when any crusher, screen, conveyor, and/or diesel engine covered under this permit is operating.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

4. Emission Limit, Each Location

For each location, the total emissions from the equipment and activities covered by this permit shall not exceed the threshold limits for a "major source" as defined in HAR §11-60.1-1.

(Auth.: HAR §11-60.1-3, §11-60.1-81)

5. Fugitive Emission Limits

- a. Except as specified in Attachment II, Special Condition No. C.5.b, the permittee shall not cause to be discharged into the atmosphere from any crusher, fugitive emissions which exhibit greater than fifteen (15) percent opacity.
- b. The permittee shall not cause to be discharged into the atmosphere from the 440 TPH mobile jaw crushers (equipment nos. K-228 and K-229), fugitive emissions which exhibit greater than twelve (12) percent opacity.
- c. Except as specified in Attachment II, Special Condition No. C.5.d, the permittee shall not cause to be discharged into the atmosphere from any transfer point on the belt conveyors, screening operation, or from any other affected facility, fugitive emissions which exhibit greater than ten (10) percent opacity.
- d. The permittee shall not cause to be discharged into the atmosphere from the 881 TPH mobile screens (equipment nos. K-210 and K-213) and 440 TPH screen (equipment no. K-26), fugitive emissions which exhibit greater than seven (7) percent opacity.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.672)<sup>1</sup>

6. Fugitive Emission Control

- a. The permittee shall not cause or permit fugitive dust to become airborne without taking reasonable precautions and shall not cause or permit the discharge of visible emissions of fugitive dust beyond the lot line of the property boundary on which the emissions originate.
- b. The permittee shall take measures to control fugitive dust (e.g., wet suppression, enclosures, dust screens, etc.) at all crushers, screens, material transfer points, stockpiles, plant roads, and throughout the facility. The Department may at any time require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control.
- c. Water spray systems shall be maintained and utilized, as necessary, during operation of the stone processing plants to ensure compliance with the fugitive emission limits. The Department at any time may require continuous operation of the water sprays and/or additional water sprays or manual water spraying at pertinent locations, and the installation of water gauges (i.e., water pressure, water flow meter, etc.) if an inspection indicates that more fugitive dust control is needed.
- d. The water spray systems shall be properly maintained and kept in good operating condition at all times with scheduled inspections and maintenance as needed to ensure compliance with the fugitive dust limits.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-33, §11-60.1-90)

7. Fuel Limits

The diesel engines shall be fired only on fuel oil no. 2 with a maximum sulfur content not to exceed 0.5% by weight.

(Auth.: HAR §11-60.1-3, §11-60.1-38, §11-60.1-90)

8. Visible Emissions

For any six (6) minute averaging period, the diesel engines shall not exhibit visible emissions of twenty (20) percent opacity or greater, except as follows: during start-up, shutdown, or equipment breakdown, the diesel engines may exhibit visible emissions not greater than sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minute period.

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90; SIP §11-60-24)<sup>2</sup>

9. Maintenance

The stone processing plants, including the crushers, screens, and diesel engines, shall be properly maintained and kept in good operating condition at all times with scheduled inspections and maintenance as recommended by the manufacturer, and as needed.

**10. Ambient Air Quality Impact Assessment**

The permittee shall submit to the Department an ambient air quality impact assessment if the proposed location is:

- a. At or adjacent to a current temporary stone processing plant;
- b. At or adjacent to a previous temporary stone processing plant where the total combined operating hours of the previous and proposed temporary stone processing plants covered under this permit exceed 2,000 hours on a rolling twelve-month (12-month) basis;
- c. At or adjacent to other emission unit(s);
- d. Situated where the surrounding terrain within 100 meters of the exhaust stack is higher than the exhaust stack;
- e. Situated where other air pollution sources are within 100 meters of the exhaust stack;
- f. Situated where structures dimensionally larger than the crushers are within a radius of five (5) times the lesser of the structures' height or width; or
- g. Situated such that the Department determines that an ambient air quality impact assessment is necessary.

The permittee shall not operate the temporary stone processing plant until the Department has reviewed and approved the ambient air quality impact assessment.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**11. Location Change**

The operation of the equipment covered by this temporary covered source permit shall involve at least one (1) location change during the term of this permit. Subsequent location changes of the equipment shall be in accordance with Attachment II, Section G. For each change in location, the Department reserves the right to impose additional operational controls and restrictions if a site evaluation indicates the controls and/or restrictions are necessary.

(Auth.: HAR §11-60.1-3, §11-60.1-81, §11-60.1-91)

**12. Alternate Operating Scenario**

- a. The permittee may replace each diesel engine with a temporary replacement unit if any repair reasonably warrants the removal of the diesel engine from its site (i.e., equipment failure, engine overhaul, or any major equipment problems requiring maintenance for efficient operation) and the following provisions are adhered to:
  - i. A request for the replacement unit shall be submitted in accordance with Attachment II, Special Condition No. E.8.a;
  - ii. The temporary replacement unit must be similar in size with equal or lesser emissions;

- iii. The temporary replacement unit shall comply with all applicable conditions including all air pollution control equipment requirements, operating restrictions, and emission limits;
  - iv. The installation and operation of the temporary replacement unit shall not exceed twelve (12) consecutive months;
  - v. The diesel engine generator shall be repaired and returned to service at the same location in a timely manner; and
  - vi. Removal and return information shall be submitted in accordance with Attachment II, Special Condition No. E.8.b.
- b. The Department may require an ambient air quality assessment of the temporary unit, and/or provide a conditional approval to impose additional monitoring, testing, recordkeeping, and reporting requirements to ensure the temporary unit is in compliance with the applicable requirements of the permitted unit being temporarily replaced.
  - c. Records shall be maintained in accordance with Attachment II, Special Condition No. D.10.
  - d. The terms and conditions under each operating scenario shall meet all applicable requirements, including special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**Section D. Monitoring and Recordkeeping Requirements**

**1. Records**

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports required by this permit. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

**2. Operating Hours**

A non-resetting hour meter shall be installed, operated, and maintained on each diesel engine for the permanent recording of the total amount of hours operated for the purpose of the hour limitations specified in Attachment II, Special Condition No. C.3. The non-resetting meter shall not allow the manual resetting or other manual adjustments of the meter readings. The installation of any new non-resetting meters or the replacement of any existing non-resetting meters shall be designed to accommodate a minimum of five (5) years of equipment operation, considering any operational limitations, before the meter returns to a zero reading. The following information shall be recorded at each location:

- a. Date of meter readings;
- b. Beginning and ending meter readings for each month;
- c. Total hours of operation for each month; and
- d. Total hours of operation on a rolling twelve-month (12-month) basis.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

**3. Operations Log**

For each temporary stone processing plant, the permittee shall maintain records on the actual start date(s), end date(s), and operating hours of all the equipment covered under this permit. The records shall also include the total emissions of each temporary stone processing plant based on the actual operating hours.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**4. Production**

The permittee shall maintain records on the total tons of material processed by the stone processing plants at each location on a monthly and annual basis for purposes of annual emissions reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**5. Water Spray Systems**

The water spray systems, to include the water pump, piping system, spray nozzles, and any gauges (i.e., water pressure, water flow meter, etc.) shall be inspected routinely at least once per month to ensure proper operation of the water spray systems.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**6. Fuel Specification**

Fuel purchase receipts, showing the fuel type, sulfur content (percent by weight), date of delivery, and amount (gallons) of fuel delivered for the diesel engines shall be maintained. Fuel sulfur content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

**7. Inspection, Maintenance, and Repair Log**

An inspection, maintenance, and repair log shall be maintained for the equipment covered under this permit. Inspection and replacement of parts and repairs shall be well documented. At a minimum, the following records shall be maintained:



- a. The date of the inspection/maintenance/repair work;
- b. A description of the part(s) inspected or repaired;
- c. A description of the findings and any maintenance or repair work performed; and
- d. The name and title of the personnel performing the inspection/work.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

8. Performance Test

Performance tests shall be conducted on each stone processing plant pursuant to Attachment II, Section F. Test plans, summaries, and results shall be maintained in accordance with the requirements of this section.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

9. Visible Emissions

- a. The permittee shall conduct **monthly** (calendar month) visible emissions observations for each diesel engine by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternative methods with prior written approval from the Department. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*. For the visible emissions observations of the diesel engines, the observer shall comply with the following additional requirements:
  - i. The distance between the observer and the emission source shall be at least three (3) stack heights, but not more than 402 meters (0.25 miles); and
  - ii. The observer shall, when possible, select a position that minimizes interference from other sources of visible emissions. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed.
- b. Except in those months when performance tests are conducted for fugitive emissions pursuant to Attachment II, Special Conditions, Section F, the permittee shall conduct **monthly** (calendar month), visible emissions observations for each stone processing plant equipment by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternative methods with prior written approval from the Department. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emission point subject to an opacity limit. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*. For the visible emissions observations of fugitive emissions, the observer shall comply with the following additional requirements:
  - i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet), but not greater than 402 meters (0.25 miles);

- ii. The observer shall, when possible, select a position that minimizes interference from other visible emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed; and
- iii. The observer shall record the operating capacity (ton/hr) of stone processing plant at the time the observations were made.

The Department may allow observation of a portion of the total fugitive emission points subject to opacity limits, if it can be demonstrated that operations have been in compliance with the permit. At a minimum, at least three (3) fugitive emission points shall be observed each month. The selected points shall include the primary crusher, a screen, and a transfer point, or those points as specified by the Department. Allowance to observe a portion of the total required fugitive emission points shall be obtained in writing from the Department.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-32, §11-60.1-90; SIP §11-60-24)<sup>2</sup>

#### 10. Alternate Operating Scenario

The permittee shall contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility, the scenario under which it is operating.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

### **Section E. Notification and Reporting Requirements**

#### 1. Standard Conditions Reporting

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17, and 24, respectively:

- a. Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up of the 440 TPH mobile jaw crushers (equipment nos. K-228 and K-229);
- b. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
- c. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
- d. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90; SIP §11-60-10, §11-60-16)<sup>2</sup>

2. Deviations

The permittee shall report in writing within **five (5) working days** any deviations from permit requirements, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventive measures taken. Corrective actions may include a requirement for additional source testing, more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. Annual Emissions Reports

As required by Attachment IV, Annual Emissions Reporting Requirements, and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall report **annually** the total tons per year emitted of each regulated air pollutant, including hazardous air pollutants. The reporting of annual emissions is due within **sixty (60) days** following the end of each calendar year. The following enclosed forms shall be used for reporting:

**Annual Emissions Report Form: Stone Processing – Each Location; and  
Monitoring/Annual Emissions Report Form: Operating Hours and Fuel  
Certification – Each Location.**

Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

4. Monitoring Reports

The permittee shall submit **semi-annually** the following reports to the Department. The reports shall be submitted within **sixty (60) days** after the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31), and shall be signed and dated by a responsible official. The following enclosed forms shall be used for reporting:

**Monitoring/Annual Emissions Report Form: Operating Hours and Fuel  
Certification – Each Location; and  
Monitoring Report Form: Opacity Exceedances.**

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

5. Performance Testing

- a. At least **thirty (30) days** prior to conducting a source performance test pursuant to Attachment II, Section F, the permittee shall submit a performance test plan in accordance with Attachment II, Special Condition No. F.4.

- b. Within **sixty (60) days** after completion of a source performance test, the permittee shall submit a test report in accordance with Attachment II, Special Condition No. F.6.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8)<sup>1</sup>

#### 6. Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

- a. The identification of each term or condition of the permit that is the basis of the certification;
- b. The compliance status;
- c. Whether compliance was continuous or intermittent;
- d. The methods used for determining the compliance status of the source currently and over the reporting period;
- e. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
- f. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedances as defined in 40 CFR 64 occurred; and
- g. Any additional information as required by the Department, including information to determine compliance.

The compliance certification shall be submitted within **sixty (60) days** after the end of each calendar year, and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

#### 7. Hour Meter Reading

Prior to the start-up at each temporary site, the permittee shall submit to the Department the hour-meter reading for the diesel engines.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

8. Alternate Operating Scenario

- a. The permittee shall submit a written request and receive prior written approval from the Department before exchanging the diesel engine with a temporary replacement unit. The written request shall identify, at a minimum, the reasons for the replacement of the diesel engine from the site of operation and the estimated time period/dates for the temporary replacement, type and size of the temporary unit, emissions data, and stack parameters.
- b. Prior to the removal and return of the diesel engine, the permittee shall submit to the Department written documentation on the removal and return dates and on the make, size, model, and serial numbers for both the temporary replacement unit and the installed unit.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

**Section F. Testing Requirements**

1. Initial and Annual Performance Testing

- a. Within **sixty (60) days** after achieving the maximum production rate at which the 400 TPH mobile jaw crushers (equipment nos. K-228 and K-229) will be operated, but not later than **one hundred eighty (180) days** after initial start-up, and **annually** thereafter, the permittee shall conduct or cause to be conducted performance tests on the crushers to determine the opacity of emissions. Tests shall be conducted for each point subject to an opacity limit.
- b. The permittee shall conduct or cause to be conducted an **annual** performance test on the stone processing plants to determine the opacity of emissions. Tests shall be conducted for each point subject to an opacity limit.
- c. The Department may require testing at other points in the facility or more frequent testing if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.8, §60.675; SIP §11-60-15)<sup>1,2</sup>

2. Performance Test Methods

- a. Performance tests for the determination of opacity shall be conducted by a certified reader using Method 9 of 40 CFR Part 60, Appendix A-4, and the procedures in 40 CFR §60.11, with the following additions for the fugitive emissions observations:
  - i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet);
  - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed; and
  - iii. The observer shall record the operating capacity (tons/hr) of the primary crusher at the time the observations were made.

- b. When determining compliance with the fugitive emissions standard of Attachment II, Special Condition No. C.5, the duration of Method 9 observations must be thirty (30) minutes (five (5) six-minute (6-minute) averages). Compliance with the applicable fugitive emission limits specified in Attachment II, Special Condition No. C.5 must be based on the average of the five (5) six-minute (6-minute) averages.
- c. When determining compliance with the fugitive emissions standard of Attachment II, Special Condition No. C.5, if emissions from two (2) or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:
  - i. Use for the combined emission stream, the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream; or
  - ii. Separate the emissions so that the opacity of emissions from each affected facility can be read.
- d. When determining compliance with the fugitive emissions standard of Attachment II, Special Condition No. C.5, a single visible emission observer may conduct visible emission observations for up to three (3) fugitive, stack, or vent emission points within a fifteen-second (15-second) interval if the following conditions are met:
  - i. No more than three (3) emission points may be read concurrently;
  - ii. All three (3) emission points must be within a seventy (70) degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three (3) points; and
  - iii. If an opacity reading for any one (1) of the three (3) emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two (2) points and continue reading just that single point.
- e. If, after **thirty (30) days** notice for an initially scheduled performance test, there is a delay, for example, due to operational problems, in conducting any rescheduled performance test required by Section F, the permittee shall submit a notice to the Department at least **seven (7) days** prior to any rescheduled performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.675)<sup>1</sup>

### 3. Performance Test Expense and Monitoring

The performance tests shall be made at the expense of the permittee and shall be conducted at the maximum expected operating capacity of the stone processing plant. All performance tests may be monitored by the Department.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

4. Performance Test Plan

At least **thirty (30) days** prior to conducting a performance test, the permittee shall submit a written performance test plan to the Department and U.S. EPA, Region 9, that includes date(s) of the test, test duration, test locations, test methods, source operation, locations of visible emissions readings, and other parameters that may affect the test results. Such a plan shall conform to U.S. EPA guidelines including quality assurance procedures. A test plan or quality assurance plan that does not have the approval of the Department may be grounds to invalidate any test and require a retest.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8; SIP §11-60-15)<sup>1,2</sup>

5. Deviations

Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

6. Performance Test Report

Within **sixty (60) days** after completion of a performance test, the permittee shall submit to the Department and U.S. EPA, Region 9, the test report which shall include the operating conditions of the equipment at the time of the test (e.g., operating rate in tons/hr, water meter flow rate in gal/min, etc.), locations where the visible emissions were read, visible emission readings, location of water sprays, summarized test results, comparative results with the permit emission limits, other pertinent support calculations, and field/laboratory data. The results shall be recorded and reported in accordance with 40 CFR Part 60, Appendix A, and §60.8.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8, §60.675; SIP §11-60-15)<sup>1,2</sup>

7. Performance Test Waiver

Upon written request and justification, the Department may waive the requirement for, or a portion of, a specific performance test. The waiver request is to be submitted prior to the required test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior performance test indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous source test.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

**Section G. Change of Location Requirements**

1. The permittee shall submit information regarding all location changes to the Department for approval at least **thirty (30) days**, or such lesser time as designated and approved by the Department, prior to the change in location. The information submitted shall include the following:
  - a. Name, address, phone number of the facility, and the plant site manager or other contact;
  - b. Temporary covered source permit number and expiration date;
  - c. Identification of current location;
  - d. Location map of the proposed new temporary location containing the following information:
    - i. Identification of the property boundary, any fence lines, and general terrain features (i.e., flat, hilly, steep);
    - ii. Location of all structures within 100 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the equipment;
    - iii. List of the equipment, equipment numbers, and plant configuration; and
    - iv. If the permittee is hauling the processed materials off-site:
      - 1) The length of unpaved roads used to haul processed material away; and
      - 2) The total unpaved road vehicle miles of the trucks used to haul the material away.
  - e. Area map showing the proposed new location of the equipment;
  - f. Projected dates of operation at the new location;
  - g. Equipment to be used at the site with the maximum projected operating hours and maximum estimated emissions (tons/yr);
  - h. Identification of any other air pollution sources at the new location;
  - i. Certification that no modification will be made to the equipment, and operational methods will remain similar as permitted under this temporary covered source permit at the new location; and
  - j. Any additional information as requested by the Department, including an ambient air quality impact assessment of the facility at the new location.

(Auth.: HAR §11-60.1-3, §11-60.1-91)
2. The applicable filing fee shall be submitted to the Department with each change in location request and made payable to the **Clean Air Special Fund-COV**.

(Auth.: HAR §11-60.1-3, §11-60.1-91)
3. Prior to any relocation, the Department shall approve, conditionally approve, or deny in writing each location change. The change of location approval, or a copy thereof, shall be maintained near the source and shall be made available for inspection upon request by the



Department. If the Department denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

4. At each of the authorized locations, the permittee shall operate in accordance with this temporary covered source permit and all applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

5. All the information required in this section shall be submitted to the Department using the attached form, "Change of Location Request for a Temporary Source," including the area map showing the new proposed location.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

6. Multiple Operating Sites

The permittee may request for multiple operating sites for each temporary stone processing plant provided the following conditions are met:

- a. The operation of the temporary stone processing plant at the listed sites shall be completed **within one (1) year** from the date of the Department's approval letter for the Change of Location Request.
- b. The permittee shall complete and submit the attached form ***Change of Location Notification within twenty-four (24) hours*** of each temporary stone processing plant relocation. The notification shall include a copy of the Department's approval letter for the Change of Location Request.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

7. Previously Approved Sites

The permittee may return to a previously approved site at any time **within a one (1) year period** from the date of the Department's approval letter for the Change of Location Request provided the following conditions are met:

- a. The operation of the temporary stone processing plant shall be completed **within one (1) year** from the date of the Department's approval letter for the Change of Location Request.
- b. The conditions of the site (i.e., terrain, structures, and other air pollution sources) have not changed since the Change of Location Request was submitted.

- c. The permittee shall complete and submit the attached ***Change of Location Notification within twenty-four (24) hours*** of each temporary stone processing plant relocation. The notification shall include a copy of the Department's approval letter for the Change of Location Request.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

#### **Section H. Agency Notification**

Any document (including reports) required to be submitted by this covered source permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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<sup>1</sup>The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

<sup>2</sup>The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II – INSIG  
SPECIAL CONDITIONS – INSIGNIFICANT ACTIVITIES  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:**

**Expiration Date: December 22, 2016**

In addition to the standard conditions of the covered source permit, the following special conditions shall apply to the permitted facility:

**Section A. Equipment Description**

This attachment encompasses insignificant activities listed in HAR, §11-60.1-82(f) and (g) for which provisions of this permit and HAR, Subchapter 2, General Prohibitions apply.

(Auth.: HAR §11-60.1-3)

**Section B. Operational Limitations**

1. The permittee shall take measures to operate applicable insignificant activities in accordance with the provisions of HAR, Subchapter 2 for visible emissions, fugitive dust, incineration, process industries, sulfur oxides from fuel combustion, storage of volatile organic compounds, volatile organic compound water separation, pump and compressor requirements, and waste gas disposal.

(Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)

2. The Department may at any time require the permittee to further abate emissions if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-82, §11-60.1-90)

**Section C. Monitoring and Recordkeeping Requirements**

1. The Department reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. All records shall be maintained for at least five (5) years from the date of any required monitoring, recordkeeping, testing, or reporting. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its authorized representative upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

**Section D. Notification and Reporting**

Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

1. The identification of each term or condition of the permit that is the basis of the certification;
2. The compliance status;
3. Whether compliance was continuous or intermittent;
4. The methods used for determining the compliance status of the source currently and over the reporting period;
5. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
6. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedances as defined in 40 CFR 64 occurred; and
7. Any additional information as required by the Department, including information to determine compliance.

The compliance certification shall be submitted within **sixty (60) days** after the end of each calendar year, and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

In lieu of addressing each emission unit as specified in the **Compliance Certification Form**, the permittee may address insignificant activities as a single unit provided compliance is met with all applicable requirements. If compliance is not totally attained, the permittee shall identify the specific insignificant activity and provide the details associated with the noncompliance.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

**Section E. Agency Notification**

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

**ATTACHMENT III: ANNUAL FEE REQUIREMENTS  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:**

**Expiration Date: December 22, 2016**

The following requirements for the submittal of annual fees are established pursuant to Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that the following requirements are in conflict with the provisions of HAR, Chapter 60.1, the permittee shall comply with the provisions of HAR, Chapter 60.1:

1. Annual fees shall be paid in full:
  - a. Within **one-hundred twenty (120) days** after the end of each calendar year; and
  - b. Within **thirty (30) days** after the permanent discontinuance of the covered source.
2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.
3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and be submitted on forms furnished by the Department of Health.
4. The annual fees and the emission data shall be mailed to:

**Clean Air Branch  
Environmental Management Division  
Hawaii Department of Health  
919 Ala Moana Boulevard, Room 203  
Honolulu, HI 96814**

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:**

**Expiration Date: December 22, 2016**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

1. Complete the attached form(s):

Annual Emissions Report Form: Stone Processing Plant – Each Location  
Monitoring/Annual Emissions Report Form: Operating Hours and Fuel  
Certification – Each Location

2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department of Health within **sixty (60) days** after the end of each calendar year and shall be mailed to the following address:

**Clean Air Branch  
Environmental Management Division  
Hawaii Department of Health  
919 Ala Moana Boulevard, Room 203  
Honolulu, HI 96814**

3. The permittee shall retain the information submitted, including all emission calculations. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health upon request.
4. Any information submitted to the Department of Health without a request for confidentiality shall be considered public record.
5. In accordance with HAR, Section 11-60.1-14, the permittee may request confidential treatment of specific information, including information concerning secret processes or methods of manufacture, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

**COMPLIANCE CERTIFICATION FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE 1 OF \_\_\_\_)**

**Issuance Date:**

**Expiration Date: December 22, 2016**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following certification at least annually, or more frequently as requested by the Department.

(Make Copies of the Compliance Certification Form for Future Use)

For Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company/Facility Name: \_\_\_\_\_

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

**COMPLIANCE CERTIFICATION FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE 2 OF \_\_\_\_)**

**Issuance Date:**

**Expiration Date: December 22, 2016**

The purpose of this form is to evaluate whether or not the facility was in compliance with the permit terms and conditions during the covered period. If there were any deviations to the permit terms and conditions during the covered period, the deviation(s) shall be certified as *intermittent compliance* for the particular permit term(s) or condition(s). Deviations include failure to monitor, record, report, or collect the minimum data required by the permit to show compliance. In the absence of any deviation, the particular permit term(s) or condition(s) may be certified as *continuous compliance*.

**Instructions:**

Please certify Sections A, B, and C below for continuous or intermittent compliance. Sections A and B are to be certified as a group of permit conditions. Section C shall be certified individually for each operational and emissions limit condition as listed in the Special Conditions section of the permit (list all applicable equipment for each condition). Any deviations shall also be listed individually and described in Section D. The facility may substitute its own generated form in verbatim for Sections C and D.

**A. Attachment I, Standard Conditions**

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u>
All standard conditions	All Equipment listed in the permit	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

**B. Special Conditions - Monitoring, Recordkeeping, Reporting, Testing, and INSIG**

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u>
All monitoring conditions	All Equipment listed in the permit	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All recordkeeping conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All reporting conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All testing conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All INSIG conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent



**COMPLIANCE CERTIFICATION FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE \_\_\_\_ OF \_\_\_\_)**

**Issuance Date:**

**Expiration Date: December 22, 2016**

**C. Special Conditions - Operational and Emissions Limitations**

Each permit term/condition shall be identified in chronological order using attachment and section numbers (e.g., Attachment II, B.1, Attachment IIA, Special Condition No. B.1.f, etc.). Each piece of equipment shall be identified using the description stated in Section A of the Special Conditions (e.g., unit no., model no., serial no., etc.). Check all methods (as required by permit) used to determine the compliance status of the respective permit term/condition.

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Method</u>	<u>Compliance</u>
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

**(Make Additional Copies if Needed)**

**COMPLIANCE CERTIFICATION FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE \_\_\_\_ OF \_\_\_\_)**

**Issuance Date:**

**Expiration Date: December 22, 2016**

**D. Deviations**

<u>Permit Term/ Condition</u>	<u>Equipment / Brief Summary of Deviation</u>	<u>Deviation Period time (am/pm) &amp; date (mo/day/yr)</u>	<u>Date of Written Deviation Report to DOH (mo/day/yr)</u>
		Beginning:  Ending:	
		Beginning:  Ending:	
		Beginning:  Ending:	
		Beginning:  Ending:	
		Beginning:  Ending:	
		Beginning:  Ending:	
		Beginning:  Ending:	

\*Identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR 64 occurred.

**(Make Additional Copies if Needed)**

# PROPOSED

**CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE  
NON-MOBILE/MOBILE STONE PROCESSING PLANT  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(PAGE 1 OF 2)**

**Issuance Date:**

**Expiration Date:** December 22, 2016

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

(Make Copies for Future Use)

Company Name: Goodfellow Brothers, Inc.

Mailing Address: P.O. Box 220

City: Kihei

State: Hawaii

Zip: 96753

Equipment Description - indicate equipment usage and list the equipment number (Eq. #).

Equipment	Eq. #	QTY	Emission Factor	Projected Operating Hours	Estimated Emissions (tons/yr)	Previous Location
Primary Crusher			0.0012 lb/T/hr		*	
Secondary Crusher			0.0012 lb/T/hr		*	
Tertiary Crusher			0.0012 lb/T/hr		*	
Mobile Tertiary Crusher			0.0012 lb/T/hr		*	
Screen(s)			0.0022 lb/T/hr		*	
Mobile Screen			0.0022 lb/T/hr		*	
Diesel Engine Generator		1**	0.80 lb/hr 0.46 lb/hr (LP-140)	***		
Storage Pile	N/A		3.71 lb/hr per pile	****		N/A
Loader	N/A		5.1 lb/hr per loader			N/A
Transfer Point	N/A		1.07 lb/hr per point			N/A
Unpaved Road	N/A		11.24 lb/VMT	*****		N/A
				TOTAL:	Tons/year of PM	

\* Emissions are estimated by multiplying the equipment capacity (T/hr) x emission factor (lb/T/hr) x operating hours (hr).

\*\* Each site shall be limited to one (1) diesel engine at any given time.

\*\*\* Each site shall be limited to 1,600 hours of diesel engine operation per rolling twelve (12) month period.

\*\*\*\* 'Operating Hours' for the storage piles = # of calendar days x 24 hours/day.

\*\*\*\*\* Vehicle Miles Traveled on unpaved roads. Zero if permittee is not hauling materials.

CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE  
NON-MOBILE/MOBILE STONE PROCESSING PLANT  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE 2 OF 2)

Issuance Date:

Expiration Date: December 22, 2016

**New Equipment Location:** \_\_\_\_\_

Note: The permittee shall submit to the Department of Health an ambient air quality impact assessment if the proposed location is:

- a. At or adjacent to a current temporary stone processing plant;
- b. At or adjacent to a previous temporary stone processing plant where the total combined operating hours of the previous and proposed diesel engines covered under this permit exceed 2,000 hours on a rolling twelve-month (12-month) basis;
- c. At or adjacent to other emission unit(s);
- d. Situated where the surrounding terrain within 100 meters of the exhaust stack is higher than the exhaust stack;
- e. Situated where other air pollution sources are within 100 meters of the exhaust stack;
- f. Situated where there are structures dimensionally larger than the crushers and are within a radius of five times the lesser of the structures' height or width; or
- g. Situated such that the Department of Health determines that an ambient air quality impact assessment is necessary.

Jobsite name: \_\_\_\_\_

Plant site manager or other contact: \_\_\_\_\_

Phone number: \_\_\_\_\_

Proposed start date at *New Location*: \_\_\_\_\_

Estimated project duration: \_\_\_\_\_

Beginning reading of the diesel engine operating hour meter: \_\_\_\_\_

Project includes hauling materials: ☐ YES ☐ NO

If yes, estimated length of unpaved roads (ft): \_\_\_\_\_

Estimated vehicle miles traveled on unpaved roads (miles): \_\_\_\_\_

Brief description of the work to be performed. Also identify other air pollution sources and emissions (tons/year) at the new location. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record. I further state that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current temporary covered source permit at this new location.

Responsible Official (Print): \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

# PROPOSED

**CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE  
MOBILE STONE PROCESSING PLANT  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(PAGE 1 OF 2)**

**Issuance Date:**

**Expiration Date: December 22, 2016**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

(Make Copies for Future Use)

Company Name: Goodfellow Brothers, Inc.

Mailing Address: P.O. Box 220

City: Kihei

State: Hawaii

Zip: 96753

Equipment Description - indicate equipment usage and list the equipment number (Eq. #).

Equipment	Eq. #	QTY	Emission Factor	Projected Operating Hours *	Estimated Emissions (tons/yr)	Previous Location
Mobile Primary Jaw Crusher			0.15 lb/hr + 0.0012 lb/T/hr			
Mobile Secondary Jaw Crusher			0.08 lb/hr + 0.0012 lb/T/hr			
Mobile Secondary Cone Crusher(s)			0.15 lb/hr + 0.0012 lb/T/hr			
Mobile Screen(s)			0.0022 lb/T/hr		**	N/A
Storage Pile	N/A		3.71 lb/hr per pile	***		N/A
Loader	N/A		5.1 lb/hr per loader			N/A
Transfer Point	N/A		1.07 lb/hr per point			N/A
Unpaved Road	N/A		11.24 lb/VMT	****		N/A
TOTAL:					Tons/year of PM	

\* Each diesel engine may operate up to 1,800 hours per rolling twelve (12) month period per location.

\*\* Emissions are estimated by multiplying the equipment capacity (T/hr) x emission factor (lb/T/hr) x operating hours (hr).

\*\*\* 'Operating Hours' for the storage piles = # of calendar days x 24 hours/day.

\*\*\*\* Vehicle Miles Traveled on unpaved roads. Zero if permittee is not hauling materials.

CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE  
MOBILE STONE PROCESSING PLANT  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE 2 OF 2)

Issuance Date:

Expiration Date: December 22, 2016

**New Equipment Location:** \_\_\_\_\_

Note: The permittee shall submit to the Department of Health an ambient air quality impact assessment if the proposed location is:

- a. At or adjacent to a current temporary stone processing plant;
- b. At or adjacent to a previous temporary stone processing plant where the total combined operating hours of the previous and proposed diesel engines covered under this permit exceed 2,000 hours on a rolling twelve-month (12-month) basis;
- c. At or adjacent to other emission unit(s);
- d. Situated where the surrounding terrain within 100 meters of the exhaust stack is higher than the exhaust stack;
- e. Situated where other air pollution sources are within 100 meters of the exhaust stack;
- f. Situated where there are structures dimensionally larger than the crushers and are within a radius of five times the lesser of the structures' height or width; or
- g. Situated such that the Department of Health determines that an ambient air quality impact assessment is necessary.

Jobsite name: \_\_\_\_\_

Plant site manager or other contact: \_\_\_\_\_

Phone number: \_\_\_\_\_

Proposed start date at *New Location*: \_\_\_\_\_

Estimated project duration: \_\_\_\_\_

Beginning reading of the diesel engine operating hour meter: \_\_\_\_\_

Project includes hauling materials: ☐ YES ☐ NO

If yes, estimated length of unpaved roads (ft): \_\_\_\_\_

Estimated vehicle miles traveled on unpaved roads (miles): \_\_\_\_\_

Brief description of the work to be performed. Also identify other air pollution sources and emissions (tons/year) at the new location. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record. I further state that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current temporary covered source permit at this new location.

Responsible Official (Print): \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

**CHANGE OF LOCATION NOTIFICATION  
RELOCATING TO A PREVIOUS APPROVED JOBSITE  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:****Expiration Date:** December 22, 2016

This notification, along with a copy of the Department of Health's approval letter for the Change of Location Request, shall be submitted to the Department of Health within one (1) business day of the equipment relocation. Submission may be accomplished via facsimile at (808) 586-4359.

(Make Copies for Future Use)

Company Name: Goodfellow Brothers, Inc.

Date: \_\_\_\_\_

Jobsite Name: \_\_\_\_\_

Island: \_\_\_\_\_

Date of the Change of Location Request Approval Letter: \_\_\_\_\_

**I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.**

Responsible Official or Authorized Agent (Print): \_\_\_\_\_

Title: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Responsible Official or Authorized Agent (Signature): \_\_\_\_\_

**List of Relocated Stone Processing Plant Equipment**

Equipment No.	Start Date	Estimated Duration	Hour-Meter Reading	Previous Location

**Recent 12-Month History of Operations at the Jobsite**

Equipment No.	Start Date	End Date	Hours Operated

Rolling 12-month jobsite total of the Stone Processing Plant operating hours: \_\_\_\_\_

**ANNUAL EMISSIONS REPORT FORM  
STONE PROCESSING – EACH LOCATION  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:****Expiration Date: December 22, 2016**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions:

(Make Copies for Future Use)

For Reporting Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: Goodfellow Brothers, Inc.

Equipment Location and Jobsite Name: \_\_\_\_\_

**I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.**

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

Report the total tons of materials processed and air pollution control measures in use for the calendar year:

Equipment Type	Equipment No.	Material Processed (tons/yr)	Control Measure	Control Efficiency* (%)

1. Number of Stockpiles: \_\_\_\_\_ Dust Control Measure: \_\_\_\_\_

2. Number of Loaders Used: \_\_\_\_\_ Dust Control Measure: \_\_\_\_\_

3. Number of Transfer Points: \_\_\_\_\_ Dust Control Measure: \_\_\_\_\_

4. Vehicle Miles Traveled on Unpaved Road: \_\_\_\_\_ Dust Control Measure: \_\_\_\_\_

\* Efficiency factors may be reduced by the Department of Health, if there are any indications that a source's air pollution control device is not operating at the specified efficiency.



**MONITORING/ANNUAL EMISSIONS REPORT FORM  
OPERATING HOURS AND FUEL CERTIFICATION – EACH LOCATION  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(PAGE 1 OF 2)**

**Issuance Date:****Expiration Date:** December 22, 2016

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:  
(Make Copies for Future Use)

For Reporting Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: Goodfellow Brothers, Inc.

Equipment Location and Jobsite Name: \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Responsible Official (Signature): \_\_\_\_\_

1. Report the maximum sulfur content of fuel oil no. 2 fired in the diesel engines for the reporting period. Report the total fuel consumption of the diesel engines for the calendar year (report in 2<sup>nd</sup> semi-annual reporting period):

<b>Diesel Engine – Each Location</b>		
<b>Equipment No.</b>	<b>Maximum Sulfur Content (% by Weight)</b>	<b>Total Fuel Consumption (gal/yr)</b>

If not already on file at the Department of Health, provide the supplier's fuel specification sheet for the type of fuel indicated in the above table. The fuel specification sheet shall indicate the percent sulfur content by weight.

**MONITORING/ANNUAL EMISSIONS REPORT FORM  
OPERATING HOURS AND FUEL CERTIFICATION – EACH LOCATION  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT  
(CONTINUED, PAGE 2 OF 2)**

**Issuance Date:****Expiration Date: December 22, 2016**

2. Report the total operating hours of each diesel engine at each location:

<b>Temporary Stone Processing Plant – Each Location</b>			
<b>Month</b>	<b>Total Operating Hours (Monthly Basis)</b>	<b>Total Operating Hours (Rolling 12-Month Basis)</b>	<b>Equipment Nos. with Diesel Engines</b>
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

**MONITORING REPORT FORM  
OPACITY EXCEEDANCES  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:**

**Expiration Date: December 22, 2016**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

(Make Copies for Future Use)

For Reporting Period: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: Goodfellow Brothers, Inc.

Facility Name: \_\_\_\_\_

Equipment Location: \_\_\_\_\_

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): \_\_\_\_\_

Title: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Responsible Official (Signature):\_\_\_\_\_

**Visible Emissions:**

Report the following on the lines provided below: all date(s) and six (6) minute average opacity reading(s) which the opacity limit was exceeded during the monthly observations; or if there were no exceedances during the monthly observations, then write "no exceedances" in the comment column.

[illegible]

**VISIBLE EMISSIONS FORM REQUIREMENTS  
STATE OF HAWAII  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:**

**Expiration Date: December 22, 2016**

The ***Visible Emissions (VE) Form*** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternative methods with prior written approval from the Department of Health. The VE Form shall be completed as follows:

1. VE observations shall take place during the day only. The opacity shall be noted in five (5) percent increments (e.g., 25%).
2. Orient the sun within a 140 degree sector to your back. Provide a source layout sketch on the VE Form using the symbols as shown.
3. For VE observations of stacks, stand at least three (3) stack heights but not more than a quarter mile from the stack.
4. For VE observations of fugitive emissions from crushing and screening plants, stand at least 4.57 meters (15 feet) from the visible emissions source, but not more than a quarter mile from the visible emission source.
5. Two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each stack or emission point.
6. The six (6) minute average opacity reading shall be calculated for each observation.
7. If possible, the observations shall be performed as follows:
  - a. Read from where the line of sight is at right angles to the wind direction;
  - b. The line of sight shall not include more than one (1) plume at a time;
  - c. Read at the point in the plume with the greatest opacity (without condensed water vapor), ideally while the plume is no wider than the stack diameter;
  - d. Read the plume at fifteen (15) second intervals only. Do not read continuously; and
  - e. The equipment shall be operating at the maximum permitted capacity.
8. If the equipment was shut-down for that period, briefly explain the reason for shut-down in the comment column.

The permittee shall retain the completed VE Forms for recordkeeping. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health, or their representative upon request.

Any required initial and annual performance test performed in accordance with Method 9 by a certified reader shall satisfy the respective equipment's VE monitoring requirements for the month the performance test is performed.

**VISIBLE EMISSIONS FORM  
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT**

**Issuance Date:** \_\_\_\_\_

**Expiration Date:** December 22, 2016

(Make Copies for Future Use for Each Stack or Emission Point)

Company Name: \_\_\_\_\_



For stacks, describe equipment and fuel: \_\_\_\_\_

For fugitive emissions from crushers and screens, describe:

Fugitive emission point: \_\_\_\_\_

Plant Production (tons/hr): \_\_\_\_\_

(During observation)

Stack **X**  
Sun   
Wind 

Draw North Arrow

**X** Emission Point

Observers Position

140

Sun Location Line

**Site Conditions:**

Emission point or stack height above ground (ft): \_\_\_\_\_

Emission point or stack distance from observer (ft): \_\_\_\_\_

Emission color (black or white): \_\_\_\_\_

Sky conditions (% cloud cover): \_\_\_\_\_

Wind speed (mph): \_\_\_\_\_

Temperature (EF): \_\_\_\_\_

Observer Name: \_\_\_\_\_

Certified? (Yes/No): \_\_\_\_\_

Observation Date and Start Time: \_\_\_\_\_

MINUTES	Seconds				COMMENTS
	0	15	30	45	
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

Observation Date and Start Time: \_\_\_\_\_

MINUTES	Seconds				COMMENTS
	0	15	30	45	
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					